Webinar Summary Report: Targeting Tools 2.0: Targeting and Out-Scaling Interventions in Agricultural Systems

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Summary

The first webinar to raise awareness on Targeting Tools 2.0 was held on the 24th November 2020 through GoToWebinar. Project team members from two ongoing projects participated: BMZ: *Improved forage grasses: Making the case for their integration into humid- to sub-humid livestock production systems in Kenya and Ethiopia* and IFAD: *Climate-smart Dairy Systems in East Africa through Improved Forage and Feeding Strategies*. Scientists from the Alliance of Bioversity International and CIAT guided participants through the tool's capabilities and how to leverage the features to assess gaps and opportunities for improving and expanding the choice of intervention options while designing programmes for sustainable agricultural intensification at a range of scales. 32 participants from drawn from academia, NGO and research institutions participated in the discussions following the presentations.

Find a recording of the webinar here: https://youtu.be/1SRlZBK8DrY

Background of the project: Improved forage grasses: Making the case for their integration into humid- to sub-humid livestock production systems in Kenya and Ethiopia

The project builds on past and ongoing work, with many decades of research on forages to optimize livestock production systems. Multiple actors have been involved in the agronomic evaluation, genetic selection and improvement programs, biotic and abiotic stress resistance of forages and selection for improved adaptation to local conditions, socio-economic research around farm-level costs and benefits of forages, multi-stakeholder interaction, livestock value chains and agri-business development and development of gendered assessment approaches and tools. This has led to the identification of best-bet improved forage species and varieties that are ready to be piloted with a large number of farmers. In addition, several promising small to medium-scale business opportunities along the forage VC have been identified. The project will engage in piloting these too, thereby building on the partnerships that have been developed over the years.

The farm- and business-level pilots will enable us to make a convincing case for investment in forages and set the enabling conditions for future scaling.

Background of the project: Climate-smart Dairy Systems in East Africa through Improved Forage and Feeding Strategies

The project approach adopts sustainable intensification of smallholder dairy production in Rwanda and Tanzania through the development of appropriate context-specific forage solutions with participating farmers, to ensure identified solutions are based on farmers' priorities and needs. Scaling up is built into this project's strategic approach, as the project grant is tied to the ongoing development investments of various other donors. The project's target group comprises 8000 poor smallholder farmers including women and marginalized groups along the dairy value chain. Forty extension agents and 10 policymakers, planners, and investors are working to complete this project. This project will thus generate outputs for direct use by farmers targeted under the development investments and it will build on Alliance of Bioversity International and CIAT's expertise through the use of multipurpose tropical forage genotypes with high nutritional value, resistance to major pests and diseases, and suitability to major physical constraints (e.g. low soil fertility and drought). The project's ultimate goal is to design climate-smart dairy production through improved forages and feeding strategies. Simultaneously, the objective is to support the wide-scale adoption of context-specific forage options that improve productivity, livelihoods, and that decrease environmental impacts.

The objective of the webinar

The webinar was introduced by An Notenbaert, Africa Team Lead Tropical Forages, Alliance of Bioversity International and CIAT. She welcomed the participants and explained the objectives of the webinar that brought together project team members from two ongoing projects that are geared towards the design of climate-smart dairy production, the Targeting Tools team planned to raise awareness of the "Targeting Tools" web application https://targetingtools.ciat.cgiar.org – a toolbox ideal for use by development practitioners for targeting and out-scaling interventions in agricultural systems such as above.

Presentations

The first presentation was made by An Notenbaert who set the context of the webinar and stressed that agriculture is highly location specific and to improve its productivity and profitability while ensuring sustainable use of land and other natural resources, we should rely on knowledge and analysis that best captures those local contexts.

Online training was then conducted by John Mutua. It entailed introducing participants to the tool's capabilities and how to leverage the features to conduct meaningful analysis. To view a recording of the training see Mutua & Notenbaert (2020).

Finally, the webinar included presentations from current users and a discussion of potential applications for policy and decision-making. Sylvia Kalemera: *PABRA experience - Targeting Tool* and Wilson Nguru: *Predicting the future prevalence of pests and diseases*.

Conclusion

According to the participants, all aspects of the webinar were very useful and valuable. The participants appreciated being introduced to the Targeting Tools web application and how the tool is packaged together with a spatial database for use.

References

Mutua, J., & Notenbaert, A. M. O. (2020). *Targeting Tools 2.0: Targeting and out scaling interventions in agricultural systems*. https://cgspace.cgiar.org/handle/10568/113508

Appendix 1: Participants List

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